

UBR1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant UBR1.****Catalog # AT4450a****Specification**

UBR1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q8IWV7
Other Accession	NM_17491
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	200211

UBR1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 197131**Other Names**

E3 ubiquitin-protein ligase UBR1, 632-, N-recogin-1, Ubiquitin-protein ligase E3-alpha-1, Ubiquitin-protein ligase E3-alpha-I, UBR1

Target/Specificity

UBR1 (NP_777576, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

UBR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

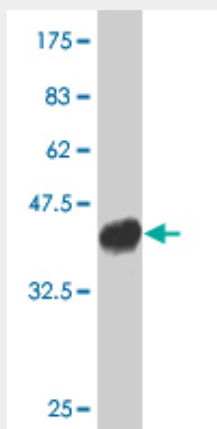
UBR1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

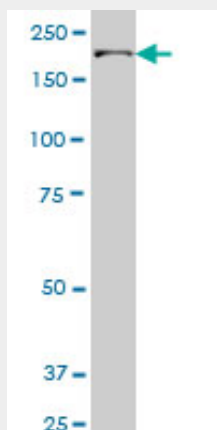
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

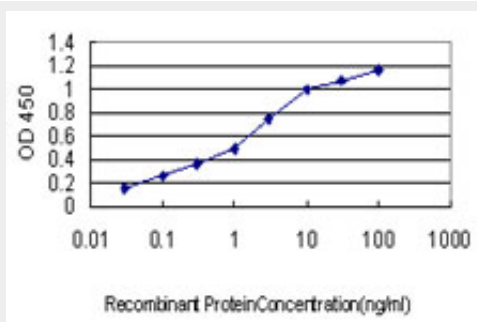
UBR1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



UBR1 monoclonal antibody (M01), clone 2F5 Western Blot analysis of UBR1 expression in HeLa S3 NE (Cat # AT4450a)



Detection limit for recombinant GST tagged UBR1 is approximately 0.03 ng/ml as a capture antibody.

UBR1 Antibody (monoclonal) (M01) - Background

The N-end rule pathway is one proteolytic pathway of the ubiquitin system. The recognition component of this pathway, encoded by this gene, binds to a destabilizing N-terminal residue of a substrate protein and participates in the formation of a substrate-linked multiubiquitin chain. This leads to the eventual degradation of the substrate protein. The protein described in this record has a RING-type zinc finger and a UBR-type zinc finger. Mutations in this gene have been associated with Johanson-Blizzard syndrome.

UBR1 Antibody (monoclonal) (M01) - References

1.Roles of STAT3/SOCS3 pathway in regulation of the visual function and ubiquitin proteasome-dependent degradation of Rhodopsin during retinal inflammation.Ozawa Y, Nakao K, Kurihara T, Shimazaki T, Shimmura S, Ishida S, Yoshimura A, Tsubota K, Okano H.J Biol Chem. 2008 Sep 5;283(36):24561-70. Epub 2008 Jul 9.